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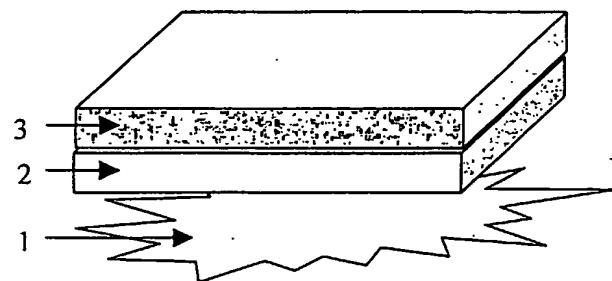


Figure 1

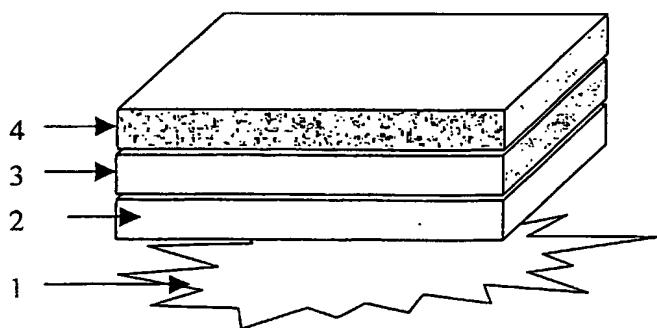


Figure 2

Effect of glyceraldehyde treatment on the solubility of non-crosslinked collagen: percent solubilized

Sample	Days after treatment				
	0	5	10	15	20
L	98*	95	91	94	92
82 79 83 81 79*					
L + glyceraldehyde x-links	12*	10	8	7	5
P + glyceraldehyde x-links	21*	15	10	11	12

* Measured after 20 minutes at ambient temperature

Figure 3

Effect of glyceraldehydes on collagen solubility

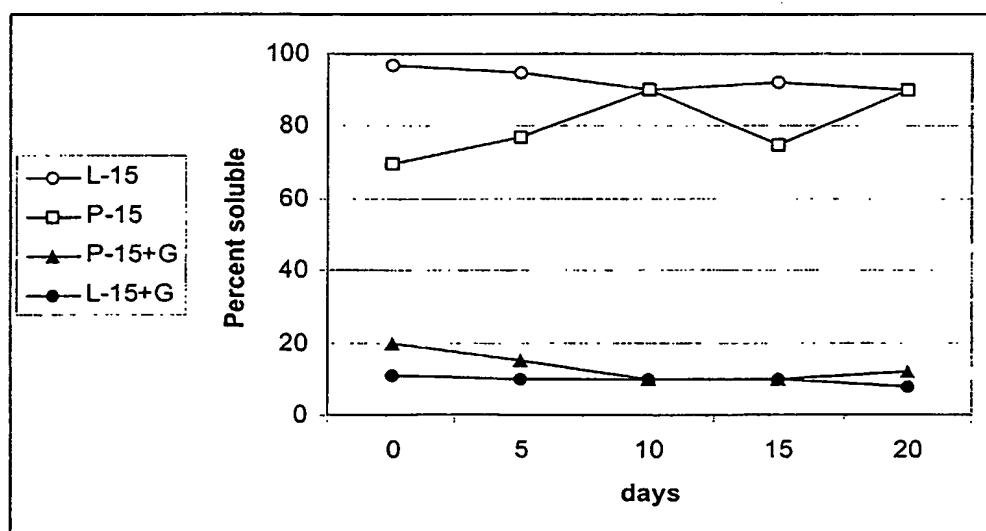


Figure 4

Effect of multi-layer wound healing dressing on dermal wound closure
Percent closure of initial wound area

Treatment	Days after wounding	
	<u>5 Days</u>	<u>10 Days</u>
Untreated Control	39.4 (2.1)	71.2 (3.1)
Cross-linked collagen sponge	45.2 (5.1)	79.3 (5.4)
Multi-layer collagen sponge	68.4 (5.7)	93.3 (8.1)

Figures in parentheses indicate standard deviation

Figure 5